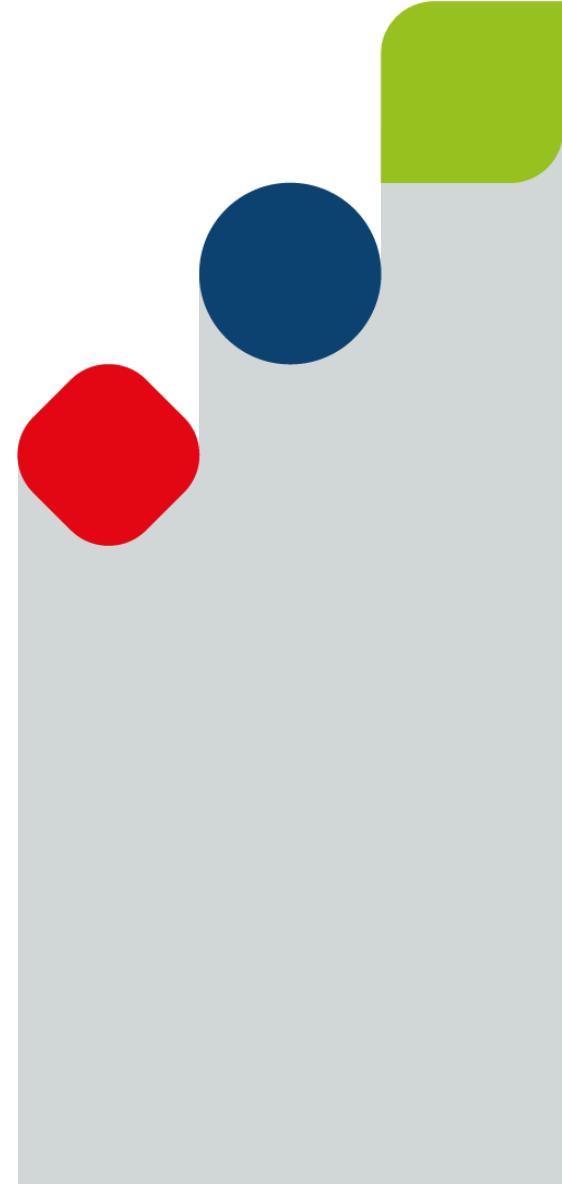


# Introduction of PP Film

2026

Tech Center





## PP Film

*Our products are being applied in major industrial sectors!*

### Food Packaging



### Metallizing Film



### Shrinkable Film



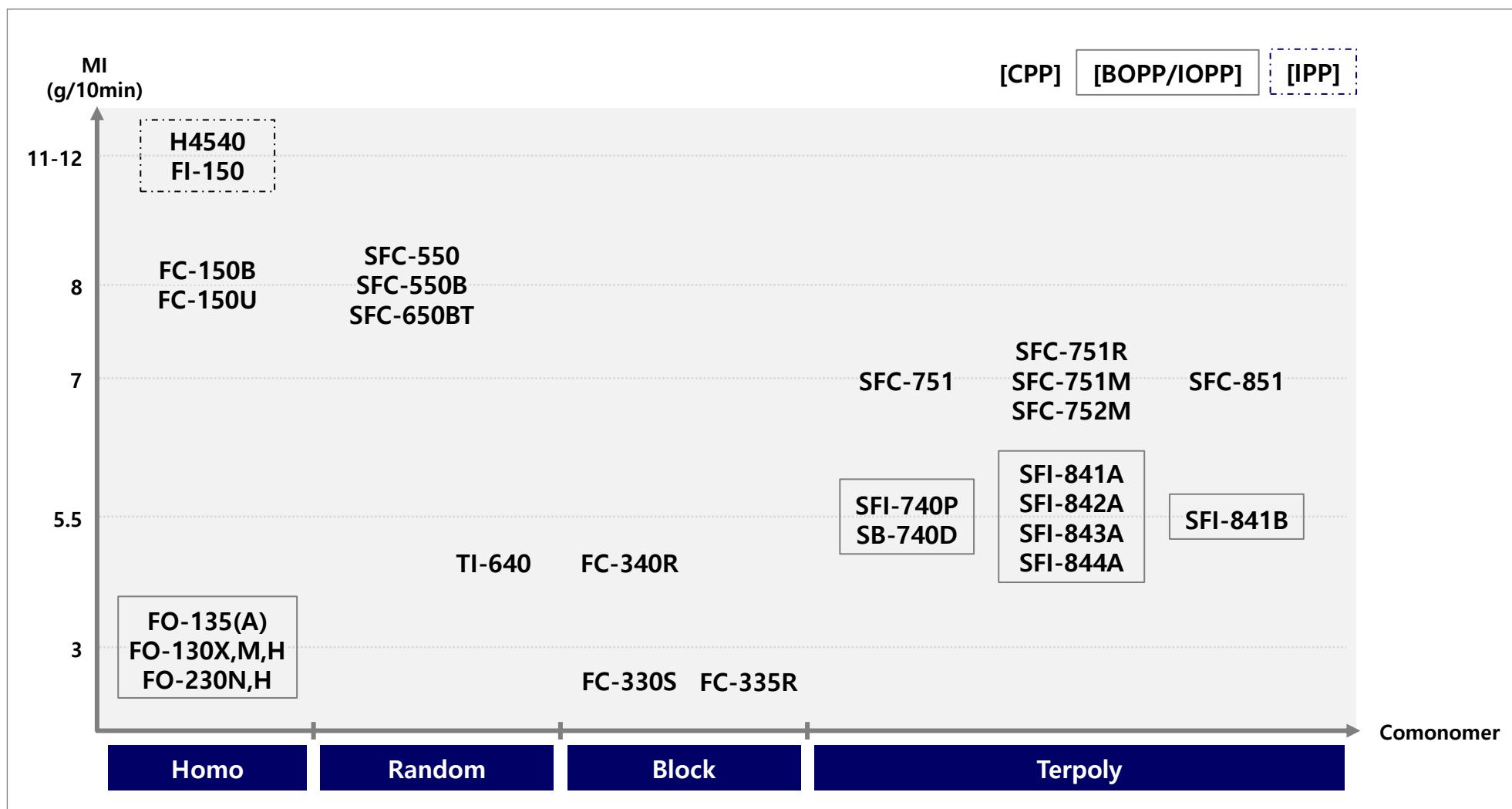
### BOPP



# PP Film



- LOTTE CHEMICAL PP Grade for Film

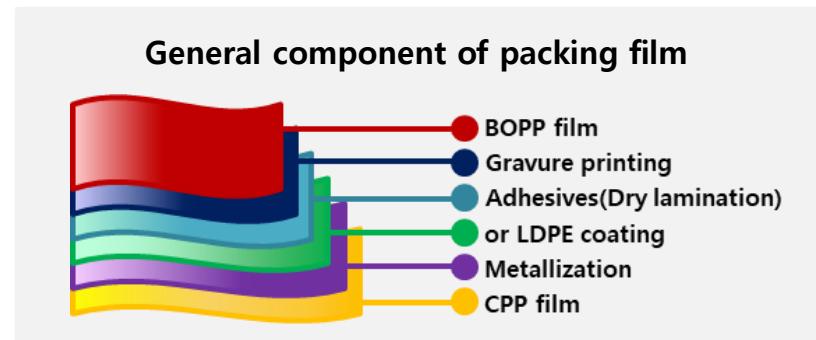


# PP Homo – BOPP



## ▪ Physical properties

- Excellent transparency
- High-speed processibility
- Anti-static property and printability
- Excellent resistance to discoloration [FO-230N, FO-230H]



Physical properties <sup>1)</sup>	Test Method	Unit	H-PP						
			FO-135A	FO-135	FO-130X	FO-130M	FO-130H	FO-230N	FO-230H
Melt Index (230°C, 2.16kg)	ASTM D1238	g/10min	3	3	3	3	3	3	3
Melting Temp.	LC Method	°C	158	158	161	158	158	154	154
Additives <sup>2)</sup>	Acid Scavenger (Ca-St)		-	-	●	●	●	●	●
	Anti-static agent		-	●	●	●	●	-	●
Application								BOPP	
Note			Metallisable	Anti-static (Medium) Fast blooming	Anti-static (Medium)	Anti-static (Medium)	Anti-static (High)	Discoloration resistant	Anti-static (High) Discoloration resistant

<sup>1)</sup> Above data is not to be construed as specifications

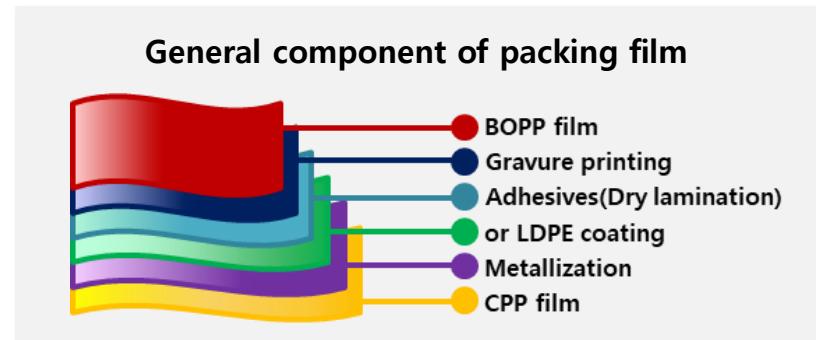
<sup>2)</sup> If you need to change the additive composition, feel free to contact us.

# PP Homo, Random – CPP, IPP



## ▪ Physical properties

- High clarity and gloss, Low haze
- Slip and anti-blocking property in general film grades
- Suitable additives composition in metallizing film grades
- Good Al-bonding strength [SFC-650BT]



Physical properties <sup>1)</sup>	Test Method	Unit	H-PP				R-PP		
			FC-150B	FC-150U	FI-150	H4540	SFC-550	SFC-550B	SFC-650BT
Melt Index (230°C, 2.16kg)	ASTM D1238	g/10min	8	8	11	12	8	8	8
Melting Temp.	LC Method	°C	165	165	162	162	148	148	148
Acid Scavenger (Ca-St)		-	●	●	●	●	-	-	-
Additives <sup>2)</sup>	Anti-blocking agent	-	●	●	●	●	●	●	●
Slip agent		-	●	●	●	●	-	-	-
Application		CPP			IPP		CPP/BOPP skin layer		
Note		Metallisable	-	Medium Slipperiness	High Slipperiness	-	Metallisable	Metallisable	

<sup>1)</sup> Above data is not to be construed as specifications

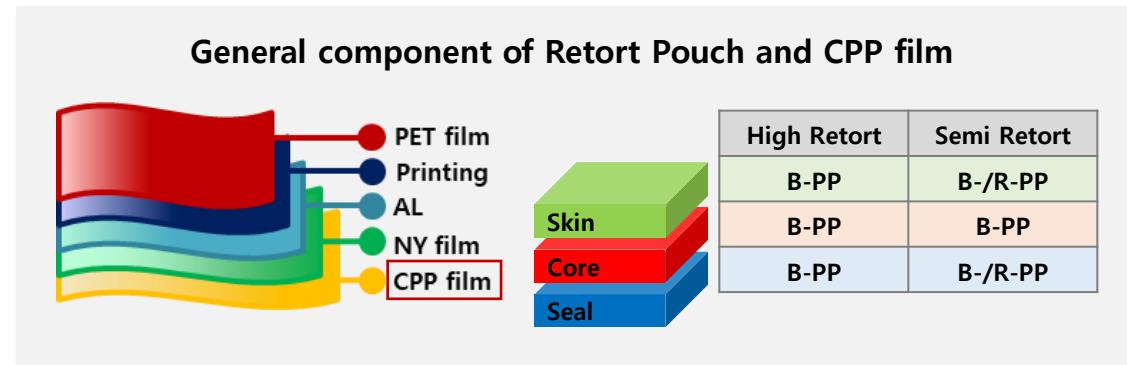
<sup>2)</sup> If you need to change the additive composition, feel free to contact us.

# PP Block, Random – CPP [Retort]



## ▪ Physical properties

- Excellent heat-sealing strength, impact and thermal resistance
- Low fish-eye level
- Suitable for high-retort products and high temperature sterilization



Physical properties <sup>1)</sup>	Test Method	Unit	B-PP			R-PP
			FC-330S	FC-335R	FC-340R	TI-640
Melt Index (230°C, 2.16kg)	ASTM D1238	g/10min	2.8	2.8	5	5
Melting Temp.	LC Method	°C	164	164	164	144
Flexural Modulus	ASTM D790	kgf/cm <sup>2</sup>	13,000	12,000	13,500	8,500
Izod Impact (Notched)	ASTM D256	kgf·cm/cm	9	20	9	15
Haze <sup>2)</sup>	ASTM D1003	%	35	18	20	<1
Application	Retort film					
Note	Well balanced		High impact	Transparency		Transparency Impact resistance

<sup>1)</sup> Above data is not to be construed as specifications.

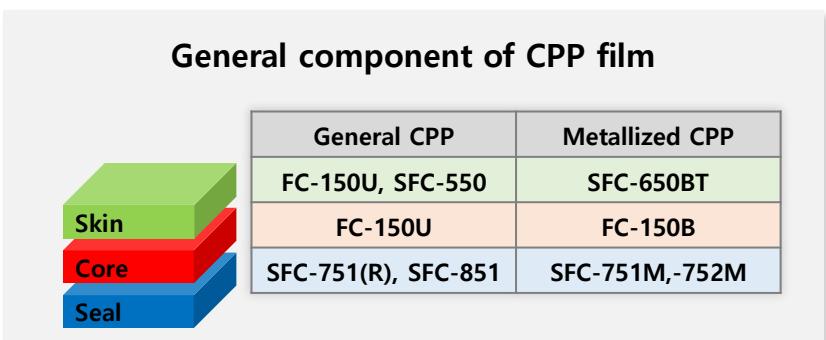
<sup>2)</sup> Measured on CPP film: B-PP 100 µm, R-PP 30 µm

# PP Terpolymer – CPP



## ▪ Physical properties

- High clarity and gloss, Low haze
- Very low level of F/E
- Good processability
- Good heat sealing performance



Physical properties <sup>1)</sup>	Test Method	Unit	T-PP				
			SFC-751	SFC-751R	SFC-851	SFC-751M	SFC-752M
Melt Index (230°C, 2.16kg)	ASTM D1238	g/10min	7	7	7	7	7
Melting Temp.	LC Method	°C	130	130	130	130	130
Heat Sealing Temp. (HST) <sup>2)</sup>	LC Method	°C	118	116	115	118	116
Add Acid Scavenger (Ca-St)			●	●	●	-	-
Additives <sup>3)</sup>	Anti-blocking agent		●	●	●	●	●
Slip agent			●	●	●	-	-
Application			CPP seal layer			Metallized CPP seal layer	
Note			Transparency	Roll mark free Low HST	Low HST	Metallisable Good wetting	Metallisable Low HST

<sup>1)</sup> Above data is not to be construed as specifications

<sup>2)</sup> Measured with 40µm CPP film monolayer

<sup>3)</sup> If you need to change the additive composition, feel free to contact us.

# PP Terpolymer – BOPP, IOPP



## ▪ Physical properties

- Excellent transparency, Low haze
- Very low level of F/E
- Good processability
- Good heat sealing performance

### General component of BOPP and IOPP film



General BOPP	Metallized BOPP	IOPP
FO-135A (+A/B)	SFC-650BT	SFI-740P, SFI-843A
FO-135, FO-130X	FO-135A	SFI-740P, SFI-843A (+LLDPE)
SFI-841A	SFI-842A, -844A	SFI-740P, SFI-843A

Physical properties <sup>1)</sup>	Test Method	Unit	T-PP						
			SFI-740P	SFI-841A	SFI-842A	SFI-843A	SFI-844A	SFI-841B	SB-740D
Melt Index (230°C, 2.16kg)	ASTM D1238	g/10min	5.5	5.5	5.5	5.5	5.5	5.5	5.5
Melting Temp.	LC Method	°C	130	128	128	128	128	128	130
Heat Sealing Temp. (HST) <sup>2)</sup>	LC Method	°C	118	116	116	116	116	-	120
Seal Initiation Temp. (SIT) <sup>2)</sup>	LC Method	°C	-	105	105	105	105	95	115
Additive	Acid Scavenger (Ca-St)		●	●	-	●	-	-	-
Additives <sup>3)</sup>	Anti-blocking agent		●	●	●	●	-	-	-
Additive	Slip agent		●	-	-	●	-	-	-
Application	Shrinkable Film		BOPP seal layer / Shrinkable Film						BOPP seal layer
Note	-	Low SIT	Metallisable Low SIT	Low SIT	Metallisable Low SIT	Metallisable Very Low SIT	Metallisable		

<sup>1)</sup> Above data is not to be construed as specifications

<sup>2)</sup> Measured with 40µm CPP film monolayer

<sup>3)</sup> If you need to change the additive composition, feel free to contact us.



## MISSION

사랑과 신뢰를 받는  
제품과 서비스를 제공하여  
인류의 풍요로운 삶에 기여한다

We enrich people's lives by providing  
Superior products and services that  
Our customers love trust

